

AECOM Technical Services, Inc. 704 553 6150 telephone 5925 Carnegie Boulevard 704 553 6151 fax Suite 370 Charlotte, North Carolina 28209

www.aecom.com

October 5, 2016

James Brown, Hydrogeologist North Carolina Department of Environmental Quality Division of Waste Management Underground Storage Tanks Section Fayetteville Regional Office Systel Building, Suite 714 225 Green Street Fayetteville, North Carolina 28301

RE: **UST Closure Report** 

Motiva Enterprises LLC - Fayetteville Bulk Terminal

1274 Shaw Mill Road

Fayetteville, Cumberland County, North Carolina

Facility ID # 00-0-000011481

Dear Mr. Brown:

AECOM Technical Services, Inc., on behalf of Motiva Enterprises LLC, is submitting this UST Closure Report for the above referenced site. The report provides details regarding the in-place closure of UST #8. If you have any questions regarding this submittal, please contact me at 704-499-6205 or brandt.morrow@aecom.com.

Sincerely,

**AECOM Technical Services, Inc.** 

This mu Brandt Morrow, PG

Project Manager

Motiva Enterprises LLC (electronic) cc:

John Hogue, AECOM (electronic)

Project File (electronic)

Enclosure

# **UST CLOSURE REPORT - 2016**

Fayetteville Bulk Terminal 1274 Shaw Mill Road Fayetteville, Cumberland County, North Carolina 28311 Facility ID – 00-0-0000011481

Prepared for:



Motiva Enterprises LLC 410 Tom Sadler Road Charlotte, North Carolina 28214

October 5, 2016

Prepared by:



5925 Carnegie Boulevard, Suite 370 Charlotte, North Carolina 28209

Project No. 60509715

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### **FIGURES**

- 1 Location Map
- 2 Site Map
- 3 Closure Sample Locations

### **APPENDICES**

- A Submitted Forms
- B Photographs
- C Laboratory Analytical Report

This report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my thorough inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Brandt Moritor Moritor Moritor Moritor Manager Accommendation of Moritor Morit

### 1.0 INTRODUCTION

AECOM Technical Services, Inc. (AECOM) was retained by Motiva Enterprises, LLC (Motiva) to oversee the closure of one vapor knockout underground storage tank (UST) at the Motiva Fayetteville Bulk Terminal (site), located at 1274 Shaw Mill Road, Fayetteville, Cumberland County, North Carolina (**Figure 1**). This report documents the UST closure activities and has been prepared generally following the North Carolina Department of Environmental Quality (NCDEQ) UST-12 format.

### 2.0 GENERAL INFORMATION

### 2.1 Contacts

The following list identifies the key contacts involved with closure of the UST:

1. UST Owner Motiva Enterprises, LLC

PO Box 4369

Houston, Texas 77210

713.277.8000

2. Property Owner Motiva Enterprises, LLC

PO Box 4369

Houston, Texas 77210

713.277.8000

3. Primary Contact Person Otto P. Muha

Motiva Enterprises, LLC Carolinas Complex 2232 Ten Ten Road

Apex, North Carolina 27539

919.387.0484

4. Primary Consultant AECOM

5925 Carnegie Boulevard, Suite 370 Charlotte, North Carolina 28209

704.553.6150

5. Closure Subcontractor Contaminant Control, Inc. (CCI)

3434 Black and Decker Road Hope Mills, North Carolina 28348

910.484.7000

6. Drilling Subcontractor South Atlantic Environmental Drilling and

Construction Company (SAEDACCO)

9088 Northfield Drive

Fort Mill, South Carolina 29707

803.548.2180

7. Analytical Laboratory ENCO Laboratories, Inc. (ENCO)

102-A Woodwinds Industrial Court

Cary, North Carolina 27511

919.467.3090

### 2.2 <u>Site Characteristics</u>

#### 2.2.1 UST Information

According to the UST database, the vapor knockout UST was installed January 1, 1987. According to site personnel, the UST was previously used to receive vapors and condensate displaced from product transfer trucks during loading. As each truck's tank filled, displaced vapor was conveyed through piping from the truck tank to the vapor knockout UST. When a high-liquid alarm was tripped, condensate liquid would be transferred from the vapor knockout UST to an oil-water separator. Per site personnel, the UST was not used to store product and was last used approximately 10 years ago.

The 2,000-gallon steel UST was approximately five (5) feet in diameter and twelve (12) feet long. The UST was approximately four (4) feet below ground surface, located beneath a concrete pad with an approximate dimension of nine (9) feet by twenty (20) feet. The UST interior was accessed via a 24-inch manhole at the northeastern end of the UST and a 2.5-inch measuring port at the southwestern end of the UST. The UST was permanently closed in-place with non-expanding foam on August 11, 2016.

### 2.2.2 Facility Status

According to Cumberland County tax records, Motiva purchased the site property in 1998. The facility is an active gasoline bulk storage and distribution terminal. The site includes an office building, a three-lane tanker-truck loading rack, seven above-ground storage tanks (ASTs) and associated piping and appurtenances. The site historically has a documented diesel release of approximately 39,000 gallons from AST TK-3 in 1983. The site was assigned incident number 9383. A site map is included as **Figure 2**.

### 2.2.3 Surrounding Property

The surrounding area is a mix of residential, commercial, and industrial properties in a relatively low traffic area. A receptor survey was conducted in August 2002 which noted several water

supply wells within 1,500 feet of the site. However, municipal water is available in the area. There are no surface water bodies or sensitive ecosystems within 500 feet of the site.

### 2.2.4 Site Setting

According to the Geologic Map of North Carolina the site is located within the Coastal Plain Region. Bedrock is the area is Cretaceous in age and is characterized as sandstone and mudstone as part of the Middendorf formation. The sandstone/mudstone is classified as gray to pale gray with an orange cast, mottled, iron-cemented concretions and cross-bedding are common, and beds are laterally discontinuous. The site is approximately 8.26 acres in size. The ground surface at the site is paved or covered with gravel. Beneath the gravel layer, subsurface soils encountered at the site were generally described as gray to brown, fine-coarse grained, loose sands. Bedrock and groundwater were not encountered in any site boring during UST closure activities.

### 3.0 UST CLOSURE PROCEDURES

### 3.1 Preparation for Closure

Notice of UST closure activities was provided to the NCDEQ Fayetteville Regional Office on July 6, 2016, by submitting a UST-3, Notice of Intent: UST Permanent Closure or Change-in-Service form (**Appendix A**) via electronic delivery. The UST-3 form was prepared based on available information at the time of submittal. A request to abandon the UST in-place was submitted and approved by NCDEQ on July 7, 2016. Justification for in-place abandonment is outlined in that submittal which is included in **Appendix A**.

AECOM contacted NC One-Call and a private utility locating subcontractor to identify subsurface utilities at the site prior to closure soil sampling activities. CCI contacted the appropriate Cumberland County agencies prior to the start of work.

### 3.2 Closure Sample Collection

Closure soil samples were collected on July 14, 2016. A North Carolina certified well driller, SAEDACCO, was subcontracted to advance closure soil borings. Discrete soil samples were collected continuously to 11 feet below ground surface (ft bgs) on the northern, eastern, and southern sides of the UST. Soil borings were advanced via hand auger to 6 ft bgs and then via Geoprobe<sup>TM</sup> direct push technology to 11 ft bgs. Acetate liners were used inside clean rods for each borehole.

Soils were screened in the field using a photoionization detector (PID). The PID was calibrated prior to sampling activities using 100 parts per million (ppm) isobutylene calibration gas, according to the manufacturer's specifications. Samples were placed in re-sealable bags and the headspace within the bag was allowed to equilibrate for approximately 5 to 10 minutes. The

probe of the PID was then inserted into the headspace of the bag and the concentration of volatile vapors present in the headspace was recorded in the field log book, along with a general soil description. Select photographs taken during the closure activities are presented in **Appendix B**.

No evidence of impacts to soil was observed, based on olfactory indicators and field observations of samples collected from around the UST. All PID readings registered 0.0 parts per million.

### 3.3 Soil Sampling Locations and Sampling Procedures

A total of four closure soil samples were collected at the site during the abandonment of the vapor knockout UST. Closure samples were collected at 11 ft bgs from the locations shown on **Figure 3**. The western side of the UST was not accessible for soil sample collection due to the presence of above and below ground piping. Additionally, sample locations were adjusted based on underground utilities and obstructions.

The samples were collected in laboratory-supplied glassware and labeled with the sample location information, including date, time of collection, and requested analyses. Samples were then placed on ice in an insulated cooler. Samples were delivered directly to ENCO by AECOM personnel under chain-of-custody procedures. Quality control samples included a trip blank submitted in each cooler of samples. All samples for laboratory analysis were collected using NCDEQ approved methods. After sample collection, soil boring locations were properly abandoned with bentonite chips.

### 3.4 <u>Soil Sampling Results</u>

Soil samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8015C for gasoline range organics (GRO). ENCO holds North Carolina certification number 591.

GRO was not detected above laboratory method detection limits in all soil samples collected. A copy of the laboratory analytical report is provided in **Appendix C**.

### 3.5 Residual Material Removed

On August 11, 2016, prior to abandonment in-place, the UST was thoroughly pressure washed and a vacuum truck was used to remove residual liquids contained in the UST. The UST was then monitored for vapors using an explosimeter that measures the lower explosive limit (LEL) of the vapors and percentage of oxygen. The local fire marshal instructed CCI that their presence was not required during the monitoring of UST vapors and UST closure activities.

Rinsate and residual liquids pumped from the UST were disposed of in the facility's onsite oil-water separator system. The amount of liquid removed was minimal.

### 3.6 <u>UST Abandonment</u>

After the UST had been rinsed and liquids were removed, non-expanding foam was pumped into the UST. The UST was filled from the bottom up using an injection-type nozzle with an extension to reach all the way into the UST. The southwest half of the UST was filled first through the 2.5-inch measuring port and the northeastern half of the UST was filled via the 24-inch manhole. Both UST access points were filled completely so that the foam surface was flush with the opening. All gaskets, covers, and bolts were replaced on UST openings following foam placement. The concrete pad covering the UST was unaffected by UST abandonment activities. The gravel surface around the UST area was smoothed to original condition.

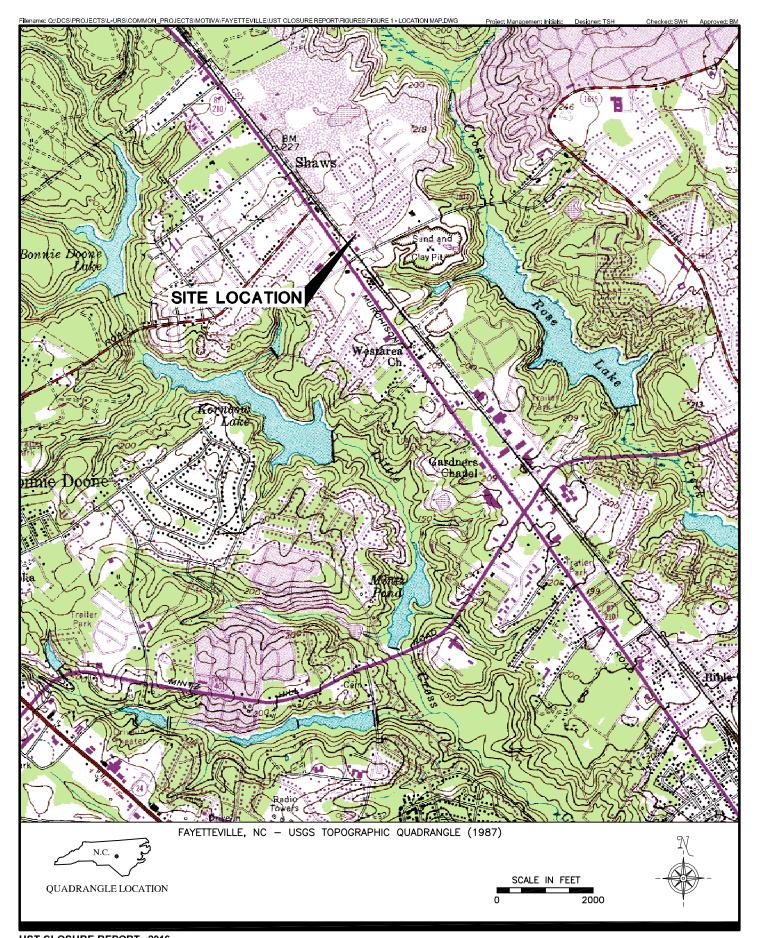
### 4.0 SUMMARY

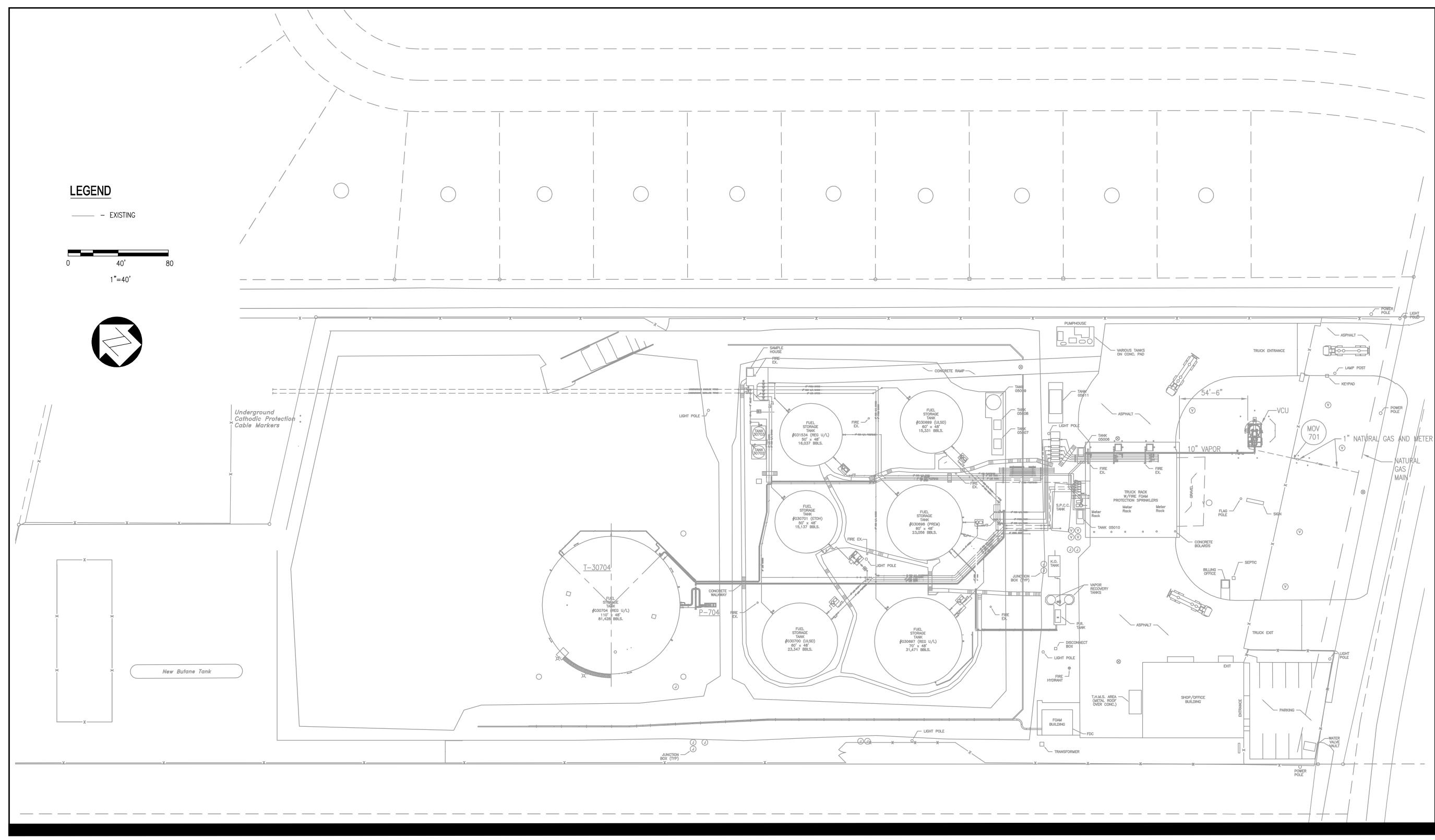
One vapor knockout UST was permanently closed in-place at the site. Closure activities were performed on July 14, 2016 and August 11, 2016, in general accordance with the NCDEQ policy and procedures.

During closure soil sampling and abandonment activities, field observations and field screening did not indicate the presence of petroleum-impacts to surficial or subsurface soils adjacent to the UST. Laboratory analytical results confirmed the absence of GRO in soil samples collected from around the UST above the NCDEQ action level. A groundwater monitoring well was not installed adjacent to the vapor knockout UST per NCDEQ guidance because: 1) closure soil data suggests that it is not a contributing source to groundwater 2) data from the 2012 annual groundwater monitoring report suggests that groundwater in the general vicinity (monitoring well GT-11) of the vapor knockout UST is impacted by the historical diesel release.

Provided these results, no further action should be necessary regarding the vapor knockout UST.

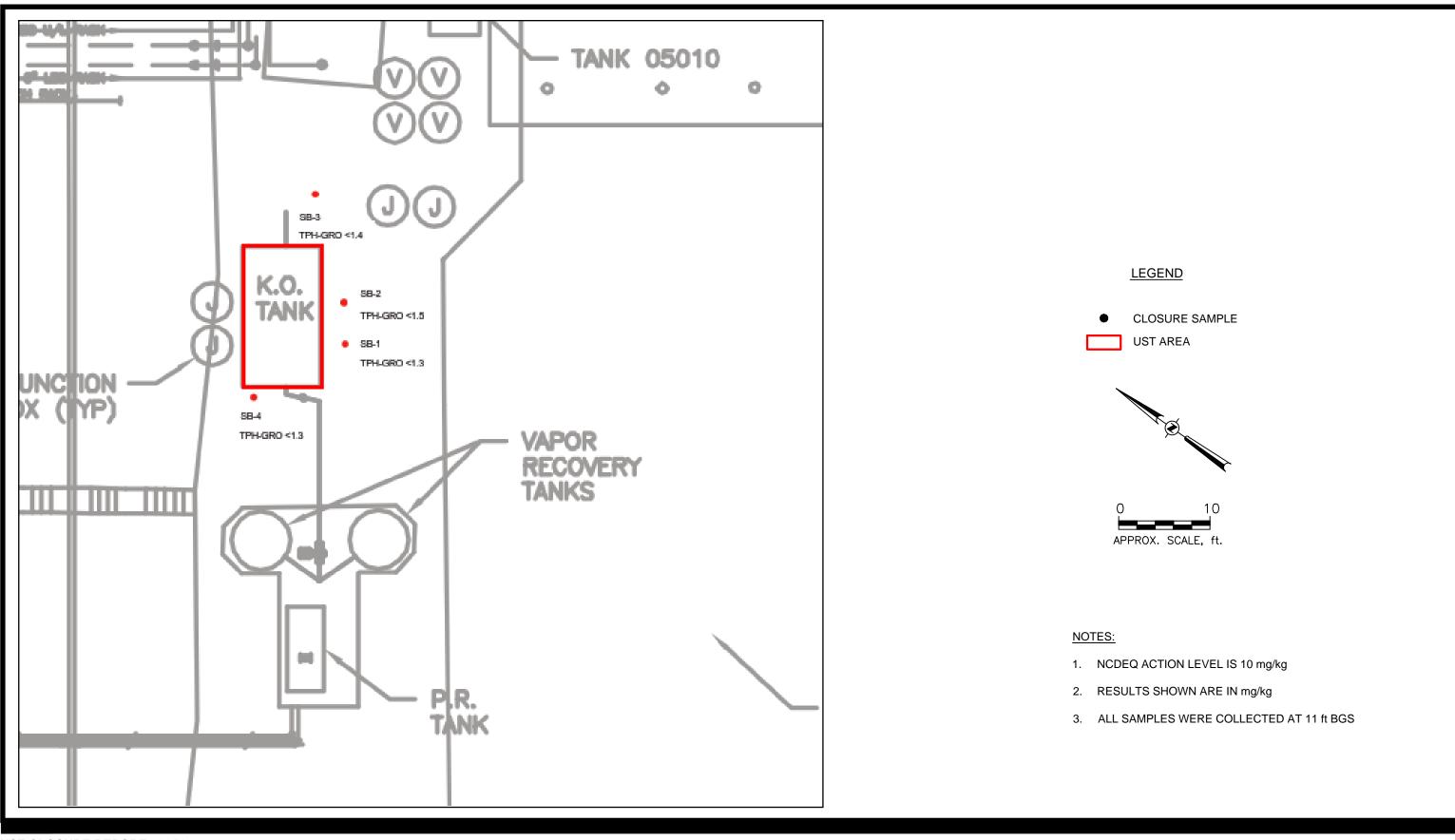






**AECOM** Figure: 2

UST CLOSURE REPORT - 2016 MOTIVA - FAYETTEVILLE BULK TERMINAL FAYETTEVILLE, NORTH CAROLINA Project No.: 60509715 Date: 2016-08-24



# APPENDIX A SUBMITTED FORMS



AECOM Technical Services, Inc. 704-522-0330 telephone 6000 Fairview Road, Suite 200 Charlotte, North Carolina 28210 www.aecom.com

704-522-0063 fax

July 7, 2016

Mr. James Brown, Incident Manager UST Section, Corrective Action Branch North Carolina Department of Environmental Quality Fayetteville Regional Office Systel Building, Suite 714 225 Green Street Fayetteville, North Carolina 28301

Request for UST Closure "Abandonment in Place" Motiva Enterprises LLC - Fayetteville Bulk Terminal 992 Shaw Mill Road Fayetteville, Cumberland County, North Carolina Facility ID # 00-0-000011481

Dear Mr. Brown:

AECOM Technical Services, Inc., on behalf of Motiva Enterprises LLC, is submitting this request to abandon UST # 8 (2,000 gallons), at the above referenced facility, in place. Motiva wishes to close UST # 8 in place due to its location which is directly adjacent to the active fuel loading rack and other above-ground piping and infrastructure. Underground fuel lines and a significant amount of underground utilities are also present in the vicinity of the UST. In addition, given its location, abandonment by removal poses the risk of affecting ongoing facility operations. Abandonment in place is the safest and most cost effective way to obtain closure for UST #8.

If you have any questions regarding this submittal, please contact me at 704-716-0745 or brandt.morrow@aecom.com.

Sincerely,

AECOM Technical Services, Inc.

Brandt Morrow, PG **Project Manager** 

Cc: John Hogue - AECOM

**Enclosure** 



## DONALD R. VAN DER VAART

MICHAEL SCOTT

### Approval for In-Place Closure of an Underground Storage Tank

Date: July 7, 2016

Subject:

Site Name (if any): Motiva Enterprises LLC – Fayetteville Bulk Terminal

Address (Street, City, Zip Code): 992 Shaw Mill Road

Cumberland County, Fayetteville, North Carolina

Facility Number (if applicable): <u>00-0-000011481</u>

On this day, I, <u>James W. Brown</u>, approve in-place closure of the tank identified as <u>UST #8 (2,000 gallons)</u> and located at the subject site, as the tank is determined by me to be inaccessible.

Hydrogeologist

Fayetteville Regional Office

UST Section, Division of Waste Management, NCDEQ

Fayetteville Regional Office | 225 Green Street | Suite 714 | Systel Building | Fayetteville, NC 28301 | (910) 433-3300

#### UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service Return completed form to: STATE USE ONLY The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out. SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES. Date Received\_ INSTRUCTIONS (READ THIS FIRST) Complete and return at least thirty (30) days prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a five (5) working days notice is acceptable. Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out. UST closure and change-in-service site assessments must be completed in accordance with the latest version of the Guidelines for Tank Closure. The Guidelines for Tank Closure can be obtained at www.wastenotnc.org. You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs. I. OWNERSHIP OF TANKS II. LOCATION Owner Name (Corporation, Individual, Public Agency, or Other Entity) Facility Name or Company Motiva Enterprises LLC Fayetteville Bulk Terminal Street Address Facility ID # (If known) 410 Tom Sadler Road 00-0-0000011481 City County Street Address Charlotte Mecklenburg 1274 Shaw Mill Road State Zip Code County Zip Code NC 28214 Fayetteville Cumberland 28311 Phone Number Phone Number 704-399-3301 III. CONTACT PERSONNEL Phone Number Name: Company Name: Job Title: Brandt Morrow **AECOM** IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE Contact local fire marshal. Provide a sketch locating piping, tanks and a P.E. or L.G., with all closure site soil sampling locations. assessment reports bearing the signature 2. Plan entire closure event. and seal of the P.E. or L.G. If a release has Submit a closure report in the format of 3. Conduct Site Soil Assessment. not occurred, the supervision, signature or UST-12 (including the form UST-2) within seal of a P.E. or L.G. is not required. If removing tanks or closing in place, refer to 4. thirty (30) days following the site API Publication 2015 Cleaning Petroleum investigation. Keep closure records for three (3) years. Storage Tanks and 1604 Removal and If a release from the tanks has occurred, the Disposal of Used Underground Petroleum site assessment portion of the tank closure Storage Tanks. must be conducted under the supervision of **WORK TO BE PERFORMED BY** Contractor Name: Contractor Company Name: Steve Petersen Heritage - Crystal Clean LLC Address: Zip Code: Phone No: State: 5100 Tulane Drive SW GA 30336 704-507-2168 Primary Consultant Name: Consultant Phone No: Primary Consultant Company Name: Brandt Morrow **AECOM** 704-716-0745 VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE Proposed Activity Change-In-Service Abandonment in Place \* Tank ID No. Size in Gallons Removal New Contents Stored Last Contents 2000 Other Non Petroleum #8

П

\* Prior written approval to abandon a tank in place must be received from a DWM Regional Office

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Brandt Morrow PG, PM for AECOM, as an agent for Motiva Enterprises LLC

Signature

Date Signed 07/07/16 SCHEDULED REMOVAL DATE 07/14/16

Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes

UST-3 Rev 12/2011

#### Site Investigation Report for Permanent Closure or Change-in-Service of UST STATE USE ONLY: Return completed form to: The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that ID.# the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out. Date Received SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES. INSTRUCTIONS (READ THIS FIRST) For more than five UST systems you may attach additional forms as needed. Permanent closure - For permanent closure, complete all sections of this form. Change-in-service - For change-in-service where UST systems will be converted from containing a regulated substance to storing a non-regulated substance, complete sections I, II, III, IV, and VIII Effective February 1, 1995, all UST closure/change-in-service reports must be submitted in the format provided in the UST-12 form. UST closure and change-in-services must be completed in accordance with the latest version of the Guidelines for Tank Closure. A copy of the UST-12 form and the Guidelines for Tank Closure can be obtained at www.wastenotnc.org. You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs. NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. **II. LOCATION OF TANKS** I. OWNERSHIP OF TANKS Owner Name (Corporation, Individual, Public Agency, or Other Entity) Facility Name or Company Motiva Enterprises LLC Fayetteville Bulk Terminal Street Address Facility ID # (If known) 410 Tom Sadler Road 0-0-0000011481 City County Street Address Charlotte Mecklenburg 1274 Shaw Mill Road State Zip Code City County Zip Code NC 28214 Fayetteville Cumberland 28311 Phone Number Phone Number 704-399-3301 III. CONTACT PERSONNEL Contact for Facility: Job Title: Phone, No: Closure Contractor Name: Closure Contractor Company: Address: Phone. No: Mark Vestal CCI 3434 Black Decker Rd, Fayetteville 910-484-7000 Primary Consultant Name: Primary Consultant Company: Address: Phone, No: **Brandt Morrow AECOM** 6000 Fairview Road, Suite 200 704-716-0745 IV. UST INFORMATION FOR REGISTERED UST SYSTEMS V. EXCAVATION CONDITION Water in Notable odor or visible Tank Size in Last Use Permanent Change-in-Tank Last soil contamination ID No. Gallons Dimensions Contents Date Close Date Service Yes No Νo No Date 8 2000 5' x 12' Other Non P ~2006 08/11/16 X 冈 X П П П П П П П П VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS VII. EXCAVATION CONDITION Tank Owner Water in Notable odor or visible Tank Size in Tank Last Last Use Permanent soil contamination ID No. Gallons Dimensions Contents Date Close Date Name Yes No П П П $\Box$ П П П П П П П \* If the tank owner address is different from the one listed in Section I., then enter the street address, city, state, zip code and telephone no. below: VIII. CERTIFICATION I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that

based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and

Signature

Lung

Date Signed

8/31/2016

Print name and official title of owner or owner's authorized representative

Brandt Morrow PG, PM for AECOM, as agent for Motiva Enterprises LLC

# APPENDIX B PHOTOGRAPHS

### PHOTOGRAPHIC LOG

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

**Project No.** 60509715

Photo No.

**Date:** 7-14-16

**Direction Photo Taken:** 

Northwest

Description:

Vapor knockout UST prior to abandonment activities (AST farm in background).



Photo No.

**Date:** 7-14-16

Direction Photo Taken:

Southwest

Description:

Vapor knockout UST prior to abandonment activities.



### PHOTOGRAPHIC LOG

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

**Project No.** 60509715

Photo No.

**Date:** 7-14-16

**Direction Photo Taken:** 

Northwest

### Description:

24-inch manhole access of vapor knockout UST prior to abandonment activities.



Photo No.

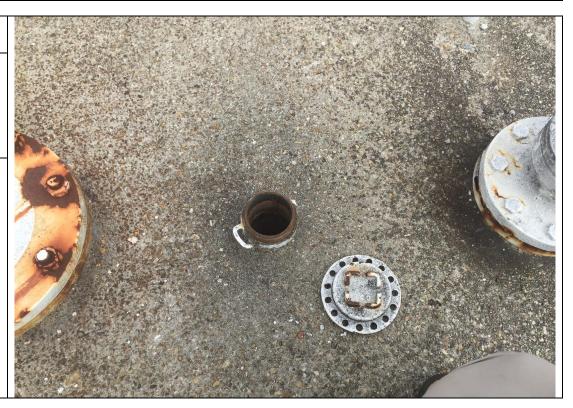
**Date:** 7-14-16

Direction Photo Taken:

Southwest

### Description:

2.5-inch measurement port of vapor knockout UST prior to abandonment activities.



## **PHOTOGRAPHIC LOG**

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

**Project No.** 60509715

Photo No.

**Date:** 7-14-16

**Direction Photo Taken:** 

East

### Description:

Vapor Knockout UST prior to abandonment activities (loading rack in background).



Photo No.

**Date:** 7-14-16

Direction Photo Taken:

Northwest

### Description:

Underground piping/utility mark out.



### PHOTOGRAPHIC LOG

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

**Project No.** 60509715

Photo No.

7

**Date:** 7-14-16

**Direction Photo Taken:** 

Northeast

Description:

Crowded underground piping behind Vapor Knockout UST.



Photo No.

**Date:** 7-14-16

Direction Photo Taken:

Southwest

Description:

Refusal encountered at approximately 3.5 to 5 feet below ground surface at multiple locations northeast of UST.



## **PHOTOGRAPHIC LOG**

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

**Project No.** 60509715

Photo No.

**Date:** 7-14-16

**Direction Photo Taken:** 

Southwest

Description:

Area surrounding Vapor Knockout UST following soil sampling activities.



Photo No.

**Date:** 8-11-16

Direction Photo Taken:

North

Description:

CCI preparing to clean tank for abandonment in-place.



## **PHOTOGRAPHIC LOG**

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

Project No.

60509715

Photo No. Date: 8-11-16

**Direction Photo Taken:** 

Southeast



Vacuum truck used for removing residual liquid from UST prior to inplace abandonment.



Photo No. Date: 8-11-16

Direction Photo Taken:

North

### Description:

CCI removing cover and gasket of 24-inch manhole tank access.



## **PHOTOGRAPHIC LOG**

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

Project No.

1274 Shaw Mill Road, Fayetteville, NC

60509715



Date: 13 8-11-16

## Direction Photo Taken:

East



Vacuum truck hose in 24-inch manhole tank access.



Photo No.

Date: 8-11-16 14

**Direction Photo** Taken:

North

### Description:

Pressure washing UST via measuring port.



## **PHOTOGRAPHIC LOG**

Site Name:

Motiva Fayetteville Bulk Terminal

Site Location:

1274 Shaw Mill Road, Fayetteville, NC

Project No.

60509715

Photo No. Date: 8-11-16

**Direction Photo Taken:** 

Northwest

### Description:

Vapor knockout UST following abandonment in-place.



# APPENDIX C LABORATORY ANALYICAL REPORT

102-A Woodwinds Industrial Court Cary NC, 27511

Phone: 919.467.3090 FAX: 919.467.3515

Thursday, July 21, 2016 URS Corporation (UR002) Attn: Martha Meyers-Lee 1600 Perimeter Park Drive S-400

Morrisville, NC 27560

RE: Laboratory Results for

Project Number: 60509715.10000, Project Name/Desc: Motiva Fayetteville Terminal

ENCO Workorder(s): CZ10242

Dear Martha Meyers-Lee,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, July 14, 2016.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Whane /

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)



#### **PROJECT NARRATIVE**

Date: 21 July 2016

Client: URS Corporation (UR002)
Project: Motiva Fayetteville Terminal

Lab ID: CZ10242

#### Overview

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

**Quality Control Samples** 

No Comments

**Quality Control Remarks** 

No Comments

Other Comments

Weight/Volumes used for the submitted analyses:

<u>GRO</u>	Dry Weight Correction
5.54 g	5 g
5.27 g	5 g
5.58 g	5 g
5.76 g	5 g
5 mL	n/a
	5.54 g 5.27 g 5.58 g 5.76 g

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:

Environmental Conservation Laboratories, Inc.

Stephanie Franz

Project Manager



### SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SB-1		Lab ID:	CZ10242-	·01	Sampled:	07/14/16	13:35	Received:	07/14/16	16:15
Parameter EPA 8015C	Hold Date/Time(s) 07/28/16			<u>Prep Date/</u> 07/14/16	Time(s) 15:00		Analysis Date/ 07/15/16 14:15	Time(s)		
Client ID: SB-2		Lab ID:	CZ10242-	∙02	Sampled:	07/14/16	13:25	Received:	07/14/16	16:15
<u>Parameter</u> EPA 8015C	Hold Date/Time(s) 07/28/16			<u>Prep Date/</u> 07/14/16	Time(s) 15:00		Analysis Date/ 07/15/16 14:47	Time(s)		
Client ID: SB-3		Lab ID:	CZ10242-	03	Sampled:	07/14/16	14:05	Received:	07/14/16	16:15
<u>Parameter</u> EPA 8015C	Hold Date/Time(s) 07/28/16			<u>Prep Date/</u> 07/14/16	Time(s) 15:00		<b>Analysis Date/</b> 07/15/16 15:18	Time(s)		
Client ID: SB-4		Lab ID:	CZ10242-	·04	Sampled:	07/14/16	14:30	Received:	07/14/16	16:15
					- market	//			07/14/10	
<u>Parameter</u> EPA 8015C	Hold Date/Time(s) 07/28/16			<u>Prep Date/</u> 07/14/16		,,	Analysis Date/ 07/15/16 15:49		07/14/10	
·	<del></del>	Lab ID:		07/14/16	T <u>ime(s)</u> 15:00	07/14/16	Analysis Date/ 07/15/16 15:49			



### **SAMPLE DETECTION SUMMARY**

No positive results detected.



Work Order: CZ10242

Work Order: CZ10242

Work Order: CZ10242

Work Order: CZ10242

### **ANALYTICAL RESULTS**

**Description:** SB-1 **Lab Sample ID:** CZ10242-01 **Received:** 07/14/16 16:15

**Matrix:** Soil **Sampled:** 07/14/16 13:35

Sampled By: Client % Solids: 97.17

#### **Gasoline Range Organics by GC**

**Project:** Motiva Fayetteville Terminal

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	MDL PQL	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10)^	1.3	U	mg/kg dry	1	1.3 5.1	6G14028	EPA 8015C	07/15/16 14:15	BAM	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	Spike Lvl	<u>% Rec</u>	% Rec Limit	s <u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,5-Dibromotoluene	9.0	1	9.29	96 %	<i>59-168</i>	6G14028	EPA 8015C	07/15/16 14:15	BAM	

**Description:** SB-2 **Lab Sample ID:** CZ10242-02 **Received:** 07/14/16 16:15

**Matrix:** Soil **Sampled:** 07/14/16 13:25

**Project:** Motiva Fayetteville Terminal **Sampled By:**Client **% Solids:** 94.62

### Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	<u>Results</u>	Flag	<u>Units</u>	DF	MDL	<u>PQL</u>	<b>Batch</b>	<u>Method</u>	<u>Analyzed</u>	By	<u>Notes</u>
GRO (C6-C10)^	1.5	U	mg/kg dry	1	1.5	5.8	6G14028	EPA 8015C	07/15/16 14:47	BAM	
_										_	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec</u>	: Limits	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,5-Dibromotoluene	9.6	1	10.0	96 %	59-1	168	6G14028	EPA 8015C	07/15/16 14:47	BAM	

**Description:** SB-3 **Lab Sample ID:** CZ10242-03 **Received:** 07/14/16 16:15

**Matrix:** Soil **Sampled:** 07/14/16 14:05

**Project:** Motiva Fayetteville Terminal **Sampled By:** Client **% Solids:** 90.44

### **Gasoline Range Organics by GC**

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<b>Batch</b>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10)^	1.4	U	mg/kg dry	0.896	1.4	5.4	6G14028	EPA 8015C	07/15/16 15:18	BAM	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	Spike Lvl	<u>% Rec</u>	% Rec	: Limits	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2 5-Dihromotoluene	93	0.896	9 91	93 %	59-1	168	6G14028	FPA 8015C	07/15/16 15:18	RAM	

**Description:** SB-4 **Lab Sample ID:** CZ10242-04 **Received:** 07/14/16 16:15

**Matrix:** Soil **Sampled:** 07/14/16 14:30

**Project:** Motiva Fayetteville Terminal **Sampled By:** Client **% Solids:** 90.51

### **Gasoline Range Organics by GC**

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	DF	MDL	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	By	<u>Notes</u>
GRO (C6-C10)^	1.3	U	mg/kg dry	0.868	1.3	5.3	6G14028	EPA 8015C	07/15/16 15:49	BAM	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	Spike Lvl	% Rec	% Rec	<u>Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,5-Dibromotoluene	8.3	0.868	9.59	86 %	59-16	8	6G14028	EPA 8015C	07/15/16 15:49	BAM	



Work Order: CZ10242

### **ANALYTICAL RESULTS**

Description: Trip Blank Lab Sample ID: CZ10242-05 Received: 07/14/16 16:15

**Matrix:** Water **Sampled:** 07/14/16 13:25

**Project:** Motiva Fayetteville Terminal **Sampled By:** ENCO

### Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<b>Batch</b>	<u>Method</u>	<u>Analyzed</u>	By	<u>Notes</u>
GRO (C6-C10)^	0.011	U	mg/L	1	0.011	0.055	6G18032	EPA 8015C	07/19/16 13:34	BAM	
Surrogates	Results	DF	Spike Lvl	% Rec	% Re	c Limits	Batch	Method	Analyzed	By	Notes
2,5-Dibromotoluene	0.0833	1	0.100	83 %	70	130	6G18032	EPA 8015C	07/19/16 13:34	BAM	



### **QUALITY CONTROL DATA**

Result 1.4  10  Result 51  12  Result 46  11	Flag Flag	POL 5.5 POL 5.5	Units mg/kg wet  Mg/kg wet  Units mg/kg wet  Mg/kg wet  Mg/kg wet  Mg/kg wet  Units mg/kg wet	Spike Level  10.0  Prepare  Spike Level 50.0	Source Result  Source Result  Source Result  Source Result  Source Result  1.4 U	%REC 105 6 15:00 Anal	%REC Limits  59-168  yzed: 07/15/:  %REC Limits  51-115  59-168  yzed: 07/15/:  %REC Limits	RPD 2016 12:10 RPD	RPD Limit	Note:
1.4  10  Result 51  12  Result 46	Flag	POL POL	mg/kg wet  mg/kg wet  Units mg/kg wet  mg/kg wet  units mg/kg	Spike Level  10.0  Prepare  Spike Level 50.0  Prepare  Spike Level Level	Source Result  Source Result  Source Result  Source Result	%REC 105 6 15:00 Anal	%REC Limits  59-168  yzed: 07/15/:  %REC Limits  51-115  59-168  yzed: 07/15/:  %REC Limits	RPD  2016 12:10  RPD	RPD Limit	Note
1.4  10  Result 51  12  Result 46	Flag	POL POL	mg/kg wet  mg/kg wet  Units mg/kg wet  mg/kg wet  units mg/kg	10.0 Prepare  Spike Level 50.0 Prepare  Spike Level Level	Result  Source Result  Source Result  Source Result	105 6 15:00 Anal  **REC 101  115 6 15:00 Anal	### SP-168  ### SP	2016 12:10 <b>RPD</b> 2016 12:42	RPD Limit	Note
10  Result 51  12  Result 46	Flaq	POL 5.5	wet  mg/kg wet  Units  mg/kg wet  mg/kg wet  Units  mg/kg	Spike Level 50.0  10.0  Prepare  Spike Level	Source Result Source Result Source Result	%REC 101 115 6 15:00 Anal	%REC Limits 59-168 yzed: 07/15/3	<b>RPD</b> 2016 12:42	<u>Limit</u>	
Result           51           12           Result           46		5.5 POL	wet  Units mg/kg wet mg/kg wet  Units mg/kg	Spike Level 50.0  10.0  Prepare  Spike Level	Source Result ed: 07/14/2010 Source Result	%REC 101 115 6 15:00 Anal	%REC Limits 59-168 yzed: 07/15/3	<b>RPD</b> 2016 12:42	<u>Limit</u>	
51  12  Result 46		5.5 POL	mg/kg wet  mg/kg wet  Units mg/kg	Spike Level 50.0 10.0 Prepare Spike Level	Source Result ed: 07/14/2010 Source Result	%REC 101 115 6 15:00 Anal	%REC <u>Limits</u> 51-115 59-168 yzed: 07/15/: %REC <u>Limits</u>	<b>RPD</b> 2016 12:42	<u>Limit</u>	
51  12  Result 46		5.5 POL	mg/kg wet  mg/kg wet  Units mg/kg	Level 50.0  10.0  Prepare  Spike Level	Result  ed: 07/14/2010  Source Result	101  115 6 15:00 Anal	Limits 51-115  59-168  yzed: 07/15/2  %REC Limits	2016 12:42	<u>Limit</u>	
51  12  Result 46		5.5 POL	mg/kg wet  mg/kg wet  Units mg/kg	50.0  10.0  Prepare  Spike Level	ed: 07/14/2010 Source <u>Result</u>	101  115 6 15:00 Anal	51-115  59-168  yzed: 07/15/2  %REC <u>Limits</u>	2016 12:42	RPD	
<i>Result</i> 46	Flag	POL	wet  mg/kg  wet  Units  mg/kg	10.0 Prepare  Spike Level	Source <u>Result</u>	115 6 15:00 Anal %REC	59-168 yzed: 07/15/3 %REC <u>Limits</u>			Note
Result 46	Flag		wet  Units  mg/kg	Prepare Spike Level	Source <u>Result</u>	6 15:00 Anal	yzed: 07/15/: %REC <u>Limits</u>			Note
46	Flag		mg/kg	Spike Level	Source <u>Result</u>	%REC	%REC <u>Limits</u>			Note
46	<u>Flaq</u>		mg/kg	Level	Result		<u>Limits</u>	RPD		Note
46	<u>Flaq</u>		mg/kg	Level	Result		<u>Limits</u>	RPD		Note
46			mg/kg							
11						72	45-162			
			mg/kg wet	10.0		111	59-168			
)				Prepare	ed: 07/14/2016	6 15:00 Anal	yzed: 07/15/	2016 13:13		
Result	Flag	PQL	Units	Spike Level		%REC	%REC <u>Limits</u>	RPD	RPD <u>Limit</u>	Note
47		5.5	mg/kg wet	49.8	1.4 U	95	45-162	2	24	
11			mg/kg wet	9.96		110	59-168			
				Prepare	ed: 07/18/2010	6 12:09 Anal	yzed: 07/19/2	2016 10:58		
				Spike	Source		%REC		RPD	
				Level	<u>Result</u>	%REC	<u>Limits</u>	RPD	<u>Limit</u>	Note
	U	0.055					70.400			
0.0855			mg/L							
				Prepare	ed: 07/18/2016	6 12:09 Anal	yzed: 07/19/2	2016 11:29		
Dogult	Elaa	DOL	Unito	Spike	Source	0/ 850	%REC	222	RPD	N-4-
	<u>ı ıay</u>				<u> Kesult</u>			KPU	<u>Limit</u>	Note
		0.055								
ט.טט/5			mg/L		nd: 07/19/201			2016 12:00		
				riepare	zu. U//10/2U10	O 12.US ANDI	yzcu. 0//19//	2010 12:00		
Dozult	Ela.	DO!		Spike	Source	0/ 555	%REC		RPD	
	riaq				Result			RPD	<u>Limit</u>	Note
		0.055			U.U11 U					
	Result 47	Result 47         Flaq 47           11         III           Result 0.011 U 0.0855         U 0.0855           Result 0.405 0.0875         Flaq 0.410	Result         Flag         POL           47         5.5           11         V           Result         Flag         PQL           0.011         U         0.055           0.0855         V         0.055           0.0875         V         V           Result         Flag         PQL           0.405         0.055         V           Result         Flag         PQL           0.410         0.055         V	Result         Flaq         POL         Units           47         5.5         mg/kg wet           11         mg/kg wet           Result         Flag         PQL         Units           0.011         U         0.055         mg/L           0.0855         mg/L         mg/L           0.405         0.055         mg/L           Result         Flaq         PQL         Units           0.405         0.055         mg/L           Result         Flaq         PQL         Units           0.410         0.055         mg/L	Result   Flaq   POL   Units   Level   47   5.5   mg/kg   wet   49.8   wet   11   mg/kg   wet   9.96   wet   Prepare   11   mg/kg   wet   Spike   Level   0.011   U   0.055   mg/L   0.100   Prepare   12   0.405   mg/L   0.500   0.0875   mg/L   0.100   Prepare   13   0.500   0.410   0.055   mg/L   0.500   0.500   mg/L   0.500   0.410   0.055   mg/L   0.500   0.500   0.500   mg/L   0.500   0.500   mg/L   0.500   0.500   0.500   mg/L   0.500   0.500   mg/L   0.500   0.500   0.500   mg/L   0.500   0.500   0.500   0.500   mg/L   0.500	Result   Flaq   POL   Units   Level   Result   Flaq   POL   Units   Spike   Level   Result   1.4 U	Prepared: 07/14/2016 15:00 Analogous   Prepared: 07/14/2016 15:00 Analogous	Prepared: 07/14/2016 15:00 Analyzed: 07/15/2016   Prepared: 07/14/2016   Prepared: 07/15/2016   Prepared: 07/14/2016   Prepared: 07/18/2016   Prepared: 07/18/	Prepared: 07/14/2016 15:00 Analyzed: 07/15/2016 13:13	Prepared: 07/14/2016 15:00 Analyzed: 07/15/2016 13:13



### **QUALITY CONTROL DATA**

### Gasoline Range Organics by GC - Quality Control

### Batch 6G18032 - EPA 5030B - Continued

**Matrix Spike Dup (6G18032-MSD1)** Prepared: 07/18/2016 12:09 Analyzed: 07/19/2016 12:31

Source: CZ10392-12

Analyte	<u>Result</u>	Flag	POL	<u>Units</u>	Spike Level	Source <u>Result</u>	%REC	%REC <u>Limits</u>	RPD	RPD <u>Limit</u>	<u>Notes</u>
GRO (C6-C10)	0.432		0.055	mg/L	0.500	0.011 U	86	20-185	5	26	
2,5-Dibromotoluene	0.0791			mg/L	0.100		79	70-130			



### **FLAGS/NOTES AND DEFINITIONS**

- **B** The analyte was detected in the associated method blank.
- **D** The sample was analyzed at dilution.
- The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
- **U** The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
- **E** The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
- MRL Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
- **N** The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
- **P** Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.

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Common Name   Common   Commo	Condition Upon Receipt	1 Cono			J g	Cooler #'s & Temps on Receipt	Cooler #'s			
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD  POPULATION CONTROL SERVATION LABORATORIES CHAIN-OF-CUSTODY REPORTS AND RECORD CONTROL SERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD CONTRO	Date/Time	Received By	Date/Time			ned By	Relinquist			
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD   Conserved for Secretary   Conserved for the secretary   Co	Date/Time	Received By			-	Ted By Le Co	Relinquist	1111/11	iments/Special Reporting Requirements	8
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD WAVE, encolabs, color and because from Construction (LURADOZ)   Construction (LU	Date/Time 7-14-11, 11-015	Heceived By		7	T T		Hellinquist	- 'g	tple Krit Prepared By	San
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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTOPY RECORD   Www.encolabs.co			×	ω	so				Sample Name	
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Project Numbur Conservation (UR02)   Project Numbur Excusion (UR				ω	so	6	1335	-	Sample Name SIS - 1	115
Properation (UR002)  Interest Park Drive S-400	Sample Comments			Total # of Containers	Matrix (see codes)	Comp / Grab	Collection Time	Collection Date		llo:n
### CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD ####################################	CZ10242	(See Codes) (Combine as necessary)	G		N 12	TENIL	TANASA		SPAN II	1
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD    NOT/S Central Port On	Lab Workorder		() ()	): 	)	Irme Zone	See Location /		plor(s) Signatury	Sam
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD  19775 Central Port Dr. 19775 Central Dr. 19775 Central Port Dr. 19775 Central Dr. 19775 Central Port Dr. 19775 Central	Due //					Morrow	Brant		ENCO	l
ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD  1977 Central Port Dr. 1973 Central Port Dr. Oriento, FL 3228-4  407) 826-5314 Fax (407) 850-6945  (904) 296-3007 Fax (904) 296-3007 Fax (904) 296-3007 Fax (904) 296-3007 Fax (904) 296-8210  Project Number  Project Number  Requested Analyses  102-A Woodwinds Industrial Ct. (919) 467-3090 Fax (919) 467-3015  Requested Turneround Times Noticy Early Etteville Terminal PO #/ Billing Into  Standard  Standard  ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD Www.encolabs.co  4810 Executive Park Court, Suile 111  102-A Woodwinds Industrial Ct. (919) 467-3090 Fax (919) 467-3515  Page					ee	a Meyers-L	Marth Billing Contact	161-1415		Sam
NVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD  Www.encolabs.co  ### Www.encolabs.co  #### Www.encolabs.co  ###################################			C			act	Reporting Cont		-Fax	豆
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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD  10775 Central Port Dr.  102-A Woodwinds Industrial Cit  Cary, NC 27511  (407) 826-6314 Fax (407) 850-6945 (904) 266-3007 Fax (904) 266-6210 (919) 467-3080 Fax (919) 467-3080 Fa						715,10000	60509 Project Name/D	T.	URS Corporation (UR002)	Add
### ONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD   www.encolabs.col ####################################		Requested Analyses				26	Project Number		nt Name	일
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		Voodwinds Industrial Ct.		ABORATOR	B10 Executive Pa	L CONSER	Port Dr.	ENVIRO 10775 Centra		